# Ingest Requirements for Ancillary Data Pre-Processing

**Table 1 - Reference**

| paragraph_id | release | requirement_key | text | clarification | req_type | paragraph_id | requirement_key | text | req_type |
|---|---|---|---|---|---|---|---|---|---|
| S-INS-00400 | A | 4099 | The INGST CI shall convert ingested data into ~~a form accepted by the SDSRV CI / DDSRV CI~~ an ECS standard format, for following data types:<br>a. NMC GRIB ~~data~~ formatted final analysis product.<br>b. NMC GRIB formatted medium range forecast product<br>c. NESDIS Snow/Ice Product in EDR Mastermap format.<br>d. TOMS Products in Version-7 of the TOMS CDROM format. | | functional | SDPS0021#A | NEW | SDPS0021 -The SDPS shall convert the following ancillary data sets from their native formats into internal formats to allow access by science algorithms:<br>a. NMC GRIB formatted final analysis product<br>b. NESDIS Snow/Ice Product in DEF format<br>c. TOMS products (format currently unspecified) | functional |
| S-INS-00400 | | | | | | SDPS0021#B | NEW | SDPS0021 -The SDPS shall convert the following ancillary data sets from their native formats into internal formats to allow access by science algorithms:<br>a. NMC GRIB formatted final analysis product<br>b. NESDIS Snow/Ice Product in DEF format<br>c. TOMS products (format currently unspecified) | functional |

**Table 2 - L3 F&PRs Changes**

| Paragraph_ID | Requirement_key | text |
|---|---|---|
| SDPS0021 | new | SDPS0021 -The SDPS shall convert the following ancillary data sets from their native formats into internal formats to allow access by science algorithms: |
| | | a. NMC GRIB formatted final analysis product |
| | | b. NESDIS Snow/Ice Product in DEF format |
| | | c. TOMS products (format currently unspecified) |

**Table 3 - RBR Changes**

| Paragraph _ ID | Rel | Requirement_ key | L3 RbR Text | Req_ Type | req category ry | segment allocation on | s_verification_method thod | s_verification_status tus | a_verification_method thod | a_verification_status tus |
|---|---|---|---|---|---|---|---|---|---|---|
| SDPS0021#A | A | NEW | SDPS0021 -The SDPS shall convert the following ancillary data sets from their native formats into internal formats to allow access by science algorithms: a. NMC GRIB formatted final analysis product b. NESDIS Snow/Ice Product in DEF format c. TOMS products (format currently unspecified) | functional | mission critical | SDPS | test | un-verified | test | un-verified |
| SDPS0021#B | B | NEW | SDPS0021 -The SDPS shall convert the following ancillary data sets from their native formats into internal formats to allow access by science algorithms: a. NMC GRIB formatted final analysis product b. NESDIS Snow/Ice Product in DEF format c. TOMS products (format currently unspecified) | functional | mission critical | SDPS | test | un-verified | test | un-verified |

**Table 4. - Level 4 Requirements Changes**

| Paragraph_ID | Rel | Req_Key | L4 Text | Req_Type | Requrement Status | Verification Method |
|---|---|---|---|---|---|---|
| S-INS-00400 | A | 4099 | The INGST CI shall convert ingested data into ~~a form accepted by the SDSRV CI / DDSRV CI~~ an ECS standard format, for following data types: a. NMC GRIB ~~data~~ <u>formatted final analysis product.</u> <u>b. NMC GRIB formatted medium range forecast product</u> <u>c. NESDIS Snow/Ice Product in EDR Mastermap format.</u> <u>d. TOMS Products in Version-7 of the TOMS CDROM format.</u> | functional | agreed | demo |

**Tabel 5 -  Link Additions**

| L3 | RBR |
|---|---|
| SDPS0021 | SDPS0021#A |
| SDPS0021 | SDPS0021#B |

| RBR paragraph_id | Level 4 paragraph_id |
|---|---|
| SDPS0021#A | S-INS-00400 |
| SDPS0021#B | S-INS-00400 |